

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	12	"4303680"	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/18 09:14
S2	19	"4623723"	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/22 08:45
S3	412	426/60.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/22 08:51
S4	6	S3(RNA)(autolysis)(enzym\$7)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/22 08:51
S5	245	426/537.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/22 08:57
S6	2	S5(RNA)(autolysis)(enzym\$7)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/22 08:57
S7	0	536/25.410.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/22 08:58
S8	0	536/25.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/22 08:58
S9	437	435/270.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/22 08:58
S10	6	S9(RNA)(autolysis)(enzym\$7)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/22 08:58
S11	282	435/89.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/22 09:02

S12	3	S11(RNA)(autolysis)(enzym\$7)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/22 09:04
S13	42475	(RNA)((insoluble)or((cell)adj (wall))) (conver\$5)(enzym\$7)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/22 10:15
S14	29920	(yeast)(RNA)((insoluble)or((cell) adj(wall))) (conver\$5)(enzym \$7)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/22 10:15
S15	15	(yeast)(RNA)((insoluble)or((cell) adj(wall))) (conver\$5)(enzym \$7)	US-PGPUB; USPAT; USOCR	SAME	ON	2009/12/22 10:15
S16	18	(yeast)(RNA)((insoluble)or((cell) adj(wall))) (conver\$5)(enzym \$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	SAME	ON	2009/12/22 10:21
S17	3	(yeast)(RNA)((insoluble)or((cell) adj(wall))) (conver\$5)(enzym \$7)	EPO; JPO; DERWENT	SAME	ON	2009/12/22 10:22
S18	1	2004-594215.NRAN.	DERWENT	OR	ON	2009/12/22 10:23
S19	2	"3075255"	EPO; JPO; DERWENT	SAME	ON	2009/12/22 10:24
S20	3	"03075255"	EPO; JPO; DERWENT	SAME	ON	2009/12/22 10:24
S21	3	"03075255"	EPO; JPO; DERWENT	OR	ON	2009/12/22 10:25
S22	5	"2004000658"	EPO; JPO; DERWENT	OR	ON	2009/12/22 10:25
S23	5	"2004067758"	EPO; JPO; DERWENT	OR	ON	2009/12/22 10:25

S24	73	Noordam	EPO; JPO; DERWENT	OR	ON	2009/12/22 10:35
S25	2	(ribonucleotide)(flavor)(((cell) adj (wall))or(insoluble)) (fraction)	EPO; JPO; DERWENT	AND	ON	2009/12/22 10:38
S26	676	(ribonucleotide)(flavor)(((cell) adj (wall))or(insoluble)) (fraction)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/22 10:38
S27	1	(ribonucleotide)(flavor)(((cell) adj (wall))or(insoluble)) (fraction)	US-PGPUB; USPAT; USOCR	SAME	ON	2009/12/22 10:38
S28	1	(RNA)(flavor)(((cell)adj (wall))or (insoluble))(fraction)	US-PGPUB; USPAT; USOCR	SAME	ON	2009/12/22 10:40
S29	327	(RNA)(((cell)adj (wall))or (insoluble))(fraction)	US-PGPUB; USPAT; USOCR	SAME	ON	2009/12/22 10:41
S30	84	(RNA)(((cell)adj (wall))or (insoluble))(fraction)(enzym \$7)	US-PGPUB; USPAT; USOCR	SAME	ON	2009/12/22 10:41
S31	1	(RNA)(((cell)adj (wall))or (insoluble))(fraction)(enzym\$7) (autolysis)	US-PGPUB; USPAT; USOCR	SAME	ON	2009/12/22 10:41
S32	91	(RNA)(((cell)adj (wall))or (insoluble))(fraction\$5)(enzym \$7)	US-PGPUB; USPAT; USOCR	SAME	ON	2009/12/22 10:43
S33	15	(RNA)(((cell)adj (wall))or (insoluble))(fraction\$5)(enzym \$7)	EPO; JPO; DERWENT	SAME	ON	2009/12/22 10:47

S34	34	(RNA)(((cell)adj(wall))or (insoluble))same(fraction\$5)) (enzym\$7)	EPO; JPO; DERWENT	AND	ON	2009/12/22 10:48
S35	8006	(RNA)(((cell)adj(wall))or (insoluble))same(fraction\$5)) (enzym\$7)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/22 10:49
S36	77	("426".clas.)(RNA)(((cell)adj (wall))or(insoluble))same (fraction\$5))(enzym\$7)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/22 10:49
S37	1704	(RNA)(ribonucleotide) ((autolysis)or(lytic))((yeast)adj (cell))((insoluble)or(residue))	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/22 12:37
S38	0	(RNA)(ribonucleotide) ((autolysis)or(lytic))((yeast)adj (cell))((insoluble)or(residue))	US-PGPUB; USPAT; USOCR	SAME	ON	2009/12/22 12:37
S39	609	(RNA)(ribonucleotide) ((autolysis)or(lytic))((yeast)adj (cell))(((insoluble)or(residue)) same(RNA))	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/22 12:37
S40	202	(RNA)(ribonucleotide) ((autolysis)or(lytic))((yeast)adj (cell))(((insoluble)or(residue)) same(RNA)) (phosphodiesterase)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/22 12:40
S41	408	(RNA)(ribonucleotide) ((autolysis)or(lytic))((yeast)adj (cell))((insoluble)or(residue)) (phosphodiesterase)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/22 12:43

S42	1711	(RNA)(ribonucleotide) ((autolysis)or(lytic))((yeast)adj (cell))((insoluble)or(residue)or ((cell)adj(wall)))	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/22 12:44
S43	408	(RNA)(ribonucleotide) ((autolysis)or(lytic))((yeast)adj (cell))((insoluble)or(residue)or ((cell)adj(wall))) (phosphodiesterase)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/22 12:44
S44	1041	(RNA)(ribonucleotide)((yeast) adj(cell))((insoluble)or(residue) or((cell)adj(wall))) (phosphodiesterase)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/22 12:45
S45	1040	(RNA)(ribonucleotide)((yeast) adj(cell))((insoluble)or(residue) or((cell)adj(wall))near(RNA)) (phosphodiesterase)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/22 12:45
S46	2	("426".clas.)(RNA) (ribonucleotide)((yeast)adj (cell))((insoluble)or(residue)or ((cell)adj(wall))near(RNA)) (phosphodiesterase)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/22 12:47
S47	0	("426".clas.)(RNA) (\$ribonucleotide)((yeast)adj (cell))((insoluble)or(residue)or ((cell)adj(wall))near(RNA)) (phosphodiesterase)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/22 12:47
S48	5	("426".clas.)(RNA)((yeast)adj (cell))((insoluble)or(residue)or ((cell)adj(wall))near(RNA)) (phosphodiesterase)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/22 12:48

S49	19	("426".clas.)(RNA)(yeast) ((insoluble)or(residue)or((cell) adj(wall)))near(RNA)) (phosphodiesterase)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/22 12:48
S50	0	("426".clas.)(RNA)(yeast) ((insoluble)or(residue)or((cell) adj(wall)))near(RNA)) (phosphodiesterase)	EPO; JPO; DERWENT	AND	ON	2009/12/22 12:52
S51	10	(RNA)(yeast)((insoluble)or (residue)or((cell)adj(wall))near (RNA))(phosphodiesterase)	EPO; JPO; DERWENT	AND	ON	2009/12/22 12:52
S52	834	moen	EPO; JPO; DERWENT	AND	ON	2009/12/22 13:00
S53	6	(moen)(eriksen)	EPO; JPO; DERWENT	AND	ON	2009/12/22 13:00
S54	2	(RNA)(yeast)(retentate) (phosphodiesterase)	EPO; JPO; DERWENT	AND	ON	2009/12/22 13:22
S55	131	(RNA)(yeast)(retentate) (phosphodiesterase)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/22 13:22
S56	139	(yeast)(retentate) (phosphodiesterase)	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/22 13:24
S57	1	(yeast)(retentate) (phosphodiesterase)	US-PGPUB; USPAT; USOCR	SAME	ON	2009/12/22 13:24
S58	7491	(hydrolyz\$4) ((yeast)adj(cell))	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/22 14:03
S59	337	(hydrolyz\$4) ((yeast)adj(cell))	US-PGPUB; USPAT; USOCR	SAME	ON	2009/12/22 14:03
S60	14	(nucleotide)((hydrolyz\$4) same ((yeast)adj(cell)))	US-PGPUB; USPAT; USOCR	SAME	ON	2009/12/22 14:04

S61	134	(nucleotide)((hydrolyz\$4) same ((yeast)adj(cell)))	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/22 14:12
S62	12	"4851390"	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/28 08:22
S63	1	"10541194"	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/28 11:15
S64	1	"10584847"	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/28 11:15
S65	1	"10563320"	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/28 11:22
S66	11	"6444448"	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 12:06
S67	2	"5427921"	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 12:09
S68	338	((RNA)or((ribonucleic)adj (acid)))((cell)near(wall)) (autolysis)	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/20 12:43
S69	4	((RNA)or((ribonucleic)adj (acid)))((cell)near(wall)) (autolysis)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/07/20 12:44
S70	3	((((RNA)or((ribonucleic)adj (acid)))near((cell)near(wall))) (autolysis) (yeast)	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/20 12:45
S71	10	"3888839"	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 13:22
S72	40	"310452"	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/20 13:29
S73	4	((((yeast)near(glycan))or((yeast) near(gum)))(ribonucleotide)	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/20 13:37

S74	20942	((RNA)or((ribonucleic)adj (acid))(((cell)near(wall))or ((yeast)near(glycan))or((yeast) near(gum)))(yeast)	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/20 13:41
S75	19	"4623723"	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/20 17:46
S76	8	"4206243"	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/20 18:00
S77	207	((RNA)or((ribonucleic)adj (acid))(((cell)near(wall))or ((yeast)near(glycan))or((yeast) near(gum)))(yeast)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/07/21 08:02
S78	5	"4264628"	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/21 08:34
S79	1	((RNA)or((ribonucleic)adj (acid))(((yeast)near(glycan))or ((yeast)near(gum)))(yeast)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/07/21 09:17
S80	837	(autolysate)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/25 09:45
S81	125	(autolysate)(RNA)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/25 09:45
S82	16003	(microorganism)((cell)near (wall))(RNA)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/25 09:46
S83	4342	(microorganism)((cell)near (wall))(RNA)(convert)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/25 09:47
S84	220	(microorganism)((cell)near (wall))(RNA)	US-PGPUB; USPAT; USOCR	SAME	ON	2011/01/25 09:47



S85	1	(microorganism)((cell)near (wall))(RNA)(autolysis)((separat \$4)or(centrifugat\$4)or(filtrat \$4))	US-PGPUB; USPAT; USOCR	SAME	ON	2011/01/25 09:50
S86	218	(microorganism)((cell)near (wall))(RNA)(autolysis)((separat \$4)or(centrifugat\$4)or(filtrat \$4))	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/25 09:50
S87	12	("3867255"   "3991215"   "4066793").PN. OR ("4303680").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/25 09:50
S88	431	"426/60".CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/06 18:34
S89	337	"536/25.41".CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/06 18:34
S90	465	"435/270".CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/06 18:34
S91	305	"435/89".CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/06 18:34
S92	305	"435/89".CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/06 18:34
S93	267	"426/537".CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/06 18:34
S94	81	((cell)near(wall)) ((microorganism)or(bacteria)or (yeast)or(fungi))(RNA) (ribonucleotides)(autolysis)	US-PGPUB; USPAT; USOCR	AND	ON	2011/04/06 18:37

S95	2	((cell)near(wall)) ((microorganism)or(bacteria)or (yeast)or(fungi))(RNA) (ribonucleotides)(autolysis)	EPO; JPO; DERWENT	AND	ON	2011/04/06 18:46
S96	62	"536/25.41".CCLS.((cell)near (wall))	US-PGPUB; USPAT; USOCR	AND	ON	2011/04/06 19:12
S97	75461	"435/89".CCLS.((cell)near (wall))	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/06 19:19
S98	39	"435/89".CCLS.((cell)near (wall))	US-PGPUB; USPAT; USOCR	AND	ON	2011/04/06 19:19
S99	114	"435/270".CCLS.((cell)near (wall))	US-PGPUB; USPAT; USOCR	AND	ON	2011/04/06 19:22
S100	75455	"426/537".CCLS.((cell)near (wall))	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/06 19:28
S101	7	"426/537".CCLS.((cell)near (wall))	US-PGPUB; USPAT; USOCR	AND	ON	2011/04/06 19:28
S102	39	"435/89".CCLS.((cell)near (wall))	US-PGPUB; USPAT; USOCR	AND	ON	2011/04/06 19:29
S103	10	((BERTUS) near2 (NOORDAM)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/06 19:32
S104	9	((JAN) near2 (KORTES)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2011/04/06 19:32
S105	2	"10541194"	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/09 13:03
S106	2	"10541194"	US-PGPUB; USPAT; USOCR	OR	ON	2011/08/09 19:13

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S107	215	426/537.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2011/10/06 10:21
S108	340	426/60.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2011/10/06 10:22
S109	741	536/127.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2011/10/06 10:23
S110	278	435/89.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2011/10/06 10:23
S111	497	435/270.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2011/10/06 10:24

**10/6/2011 11:34:32 AM**

**C:\Documents and Settings\fkfing\My Documents\EAST\Workspaces\10584847Process for  
Production of Compositions containing Ribvonucleotides and thier use as flavoring agents.wsp**